

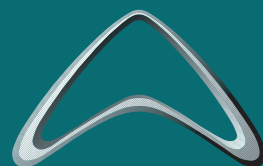
MP POWER AMPLIFIERS



MP 1200

MP 1800

MP 2800



Wharfedale
Pro

MP SERIES OF POWER AMPLIFIERS

The new MP Series of power amplifiers, from Wharfedale Professional, are the latest addition to the expanding range of Wharfedale Professional electronics products. Built to last, the MP amplifiers are designed to withstand the rigours of life on the road as well as the challenges of professional installation environments.

Sonic accuracy and durability are the most important features of a power amplifier. The rugged MP Series amplifiers feature a hefty, all-steel chassis along with state of the art electronic components, all housed within a unique amplifier design that provides high power and clean signal reproduction in a variety of applications. Each amplifier is tested individually as a part of our factory's rigorous Quality Control program that ensures the reliability and stability that is expected of products with the Wharfedale Professional name.

Features

- Toroidal transformer
- Rear panel ground lift switch
- Class AB Topology (MP1200 & 1800)
- Class H Topology (MP2800)
- All steel construction
- Continuously variable speed fan
- Sophisticated protection circuitry including: Soft start protection relay; Thermal overload protection; Short circuit protection; Open circuit protection
- Front controls including: Power Switch, Channel A and Channel B gain controls
- Front panel LED indicators for Power On, Peak, Protect
- Stereo/Bridge Mode switch on rear of unit



MODEL	8Ω	4Ω	2Ω	Bridged 8Ω	Bridged 4Ω
MP1200	260	400	640	800	1280
MP 1800	330	600	900	1200	1800
MP2800	800	1400	1500	2800	3000

*Watts per channel @ 1kHz, 0.1% THD

The MP Series power amplifiers feature a continuously variable speed fan for optimum cooling. The airflow generated by the fan flows over the copper plated heatsink resulting in efficient heat dissipation, keeping the output devices evenly cooled.

The MP Series amplifiers also feature sophisticated protection circuitry. When engaged, the thermal overload protection mutes the input signal when unsafe operating temperatures are detected. The short circuit protection keeps the output devices operating within safe parameters when short circuits are detected and the amplifiers also feature "Soft Start Protection" to protect speakers from unwanted 'pops' when power is switched on or off.

The MP Series amplifiers feature the option of binding posts or Speakon™ output connectors. Input connections are made via 1/4" (6.3mm) TRS, balanced phone jacks as well as balanced XLR connectors.

Comprehensive front panel LED indicators for performance monitoring include POWER, PROTECT and BRIDGE as well as PEAK level indicators for Channel A and Channel B. The channel gain control knobs and power switch are situated on the front panel for easy access.



MP2800 Rear panel



KEY

1. Power On/Off LED
2. Protect LED
3. Bridge LED
4. Channel A Peak LED indicator
5. Channel B Peak LED indicator
6. Channel A Level Control
7. Channel B Level Control



MODEL	MP 1200	MP 1800	MP2800
POWER: PER CHANNEL (0.1% THD)			
8 OHMS	260 Watts	330 Watts	800Watts
4 OHMS	400 Watts	600 Watts	1400Watts
2 OHMS	640 Watts	900 Watts	1500Watts
BRIDGED MONO MODE:			
8 OHMS	800 Watts	1200 Watts	2800Watts
4 OHMS	1280 Watts	1800 Watts	3000Watts
INPUT SENSITIVITY:			
AT 4 OHMS	0.775v	0.775v	0.775
UNBALANCED 1/4" JACK	10Kohms	10Kohms	10Kohms
BALANCED XLR	20Kohms	20Kohms	20Kohms
VOLTAGE GAIN	35dB	36dB	38dB
SLEW RATE: 8 FULL SWING			
STEREO	>30v/u sec	>30v/u sec	>40v/u sec
BRIDGED MONO MODE	>50v/u sec	>50v/u sec	
CHANNEL SEPARATION	76dB	76dB	78dB
SIGNAL TO NOISE (20Hz-20kHz)	100dB	100dB	100dB
DISTORTION (SMPTE-1M)	less than 0.05%	less than 0.05%	less than 0.05%
FREQUENCY RESPONSE:			
+/-1dB @ 4 OHMS	20Hz to 20kHz	20Hz to 20kHz	20Hz to 20kHz
+/-3dB @ 4 OHMS	5Hz to 50kHz	5Hz to 50kHz	5Hz to 50kHz
DAMPING FACTOR (8Ω, 1kHz)	Greater than 300	Greater than 300	Greater than 400
TOPOLOGY	AB	AB	H
CONNECTORS:			
INPUT	XLR & 1/4" TRS	XLR & 1/4" TRS	XLR & 1/4" TRS
OUTPUT	5 WAY BINDING POST & SPEAKON OR SPEAKON™	5 WAY BINDING POST & SPEAKON OR SPEAKON™	5 WAY BINDING POST & SPEAKON OR SPEAKON™
COOLING	VARIABLE SPEED FAN	VARIABLE SPEED FAN	VARIABLE SPEED FAN
WEIGHT (GROSS)	23kg / 50.6lbs	25kg / 55lbs	29.5kg/65lbs
WEIGHT (NET)	21.5kg / 47.3lbs	23.5kg / 51.7lbs	28kg/61.6 lbs
DIMENSIONS (H x W x D) mm	133 x 483 x 355mm	133 x 483 x 355mm	133 x 483 x 355
DIMENSIONS (H x W x D) inches	5.2 x 19 x 13.9 (inches)	5.2 x 19 x 13.9 (inches)	5.2 x 19 x 13.9 (inches)